

State of Illinois

Dept. & Div. ILL EPA - MPCP Inspector David L. Minto Inspected 1/21/87
 (Signature)
 Mine Name FIDELITY #11 Mine Company FREEMAN UNITED COAL MINING CO

IEPA M & M
 Permit No. IL0000302 Permit No. _____ County PERRY

General Location Approx 5 miles West of DuQuoin

Arrival Time 10 AM Weather Conditions COLD, SUNNY, MUDDY

RECLAMATION TYPE (Check Appropriate Type)

Mine Includes Prime Land Yes/ No
 Steep Slope Rule Applies Yes/ No
 Coal Preparation Yes/ No
 Not Applicable —

Reason for Visit: SPECIAL

Persons Contacted:

Bill Smith - Mgr PERMITS
GLEN HAMILTON - RECLAMATION Sup.
Ed BAKOWSKI - IEPA Permit Mgr

PARAMETER CHECKLIST

1. Availability of: A — permits B — Plans
2. Imminent Danger to Public Health and Safety —
3. Significant Imminent Environmental Harm —
4. Signs and Markers: A. mine entrance B. perimeter C. blasting D. topsoil E. perimeter observance 1. 100' zone 2. 300' zone F. permit area correlation G. not investigated H. not applicable
5. Disposal Spoil and Waste Material Outside Pit or Direct Cast Site: A. gob disposal 1. site capacity 2. covering 3. vegetation B. within permit area C. site approved D. slope of site E. steep slope rules F. valley fill or head of hollow fills: 1. permit area 2. location near ridge top 3. fill design 4. fill construction 5. steep slope rules 6. under drains 7. lateral drains 8. controlled placement 9. engineer inspection (G) not investigated H. not applicable
6. Soil Handling: A. removal before other disturbance B. storage C. protection D. thickness E. root medium F. other overburden G. toxic material handling H. root medium satisfactory for top soil replacement (slope, thickness, texture) I. topsoil replaced J. grading current K. rills and gullies L. erosion control systems M. timely revegetation and mulching (N) not investigated O. not applicable
7. Prime Land: A. prime land determination B. soil horizon removal prior to other disturbance C. thickness removed D. approved horizon storage E. protection of stockpiles F. horizon replacement and thickness G. protection of replaced horizons H. grade (I) not investigated J. not applicable
8. General Water Quality and Hydrology: (A) waterways (1) unaffected area drainage diverted (2) affected area drainage ditches and berms 3. system maintenance B. grading C. vegetation D. toxic material E. horizontal boreholes (1) sediment ponds: 1. size 2. structure 3. spillway 4. clean out 5. over 20' high or over 20 acre feet storage (— yes/— no) 6. seepage 7. structural weakness 8. discharge structure 9. chemical treatment system 9. (a). permitted — yes/— no G. discharge water quality H. buffer zone (100') observance I. zone markers (1) NPDES permits required — yes/— no K. water quality L. not investigated M. not applicable

☐ TEMPORARY REPORT
☒ FINAL REPORT



Mine Name Fidelity #11

9. Stream Channel or Other Water Diversion: (A) temporary or permanent B. size adequacy C. stability D. gradient E. grade stability F. suspended solids G. sediment control H. channel design I. erosion control structures J. fish and wildlife protection K. vegetation L. removal of temporary structures M. structure removal procedures N. not investigated O. not applicable
10. Road Hydrology: (A) culverts (B) ditches C. location choice D. grade E. stream closeness F. ditch relief drains G. outslope drains H. construction material toxic/ non-toxic I. maintenance J. railroad spur hydrology K. vegetation L. not investigated M. not applicable
11. Impoundment Structures: A. M.H.S.A. construction observance B. coal waste in structure C. freeboard D. stability E. seepage F. engineer inspection G. dam marker H. maintenance I. ditch and spillways J. changes in geometry of structure (K) not investigated L. not applicable
12. Steep Slope Procedure: A. spoil on outslope B. debris C. highwall removal D. disturbance above highwall E. excess spoil F. instability of spoil and woody material G. not investigated (H) not applicable
13. Preparation Facility (includes crushing and screening): A. water circuit 1. open system 2. closed system 3. no water circuit B. slurry impoundment 1. berm stability a.) seepage b.) vegetative cover c.) freeboard 2. acid producing potential (C) not investigated D. not applicable
14. Domestic Wastewater Treatment Facilities: A. type of system 1. activated sludge package plant 2. lagoon - sandfilters 3. septic tank w/sand filters 4. other B. sand filter maintenance 1. weeds 2. raking 3. sand replacement C. chlorination D. certified operator (E) not investigated F. not applicable

LEGEND: O = parameter inspected: ϕ = comment or question on the parameter

NOTE: Items circled were considered during this investigation. If nothing under a major item was investigated, circle either "not investigated" or "not applicable". Violation means violation or apparent violation.

 NO VIOLATIONS FOUND

✓ SEE ATTACHMENT

Indicated Parameter			Comments or Action Taken	
Check Column				
No.	Vio- lation	Non-Vio- lation		
GEN	✓			
Comm				
8A2		✓		
8F		✓		
8J		✓		

ATTACHMENT

Freeman United Coal Mining Company
Fidelity #11
January 21, 1987

GENERAL COMMENTS: This investigation was conducted after a meeting was held to clarify several areas of concern regarding the last couple of submittals made by the subject company. Two of the submittals appeared inconsistent with the overall mining plan and needed clarification. Mr. Ed Bakowski, IEPA Permit Manager, discussed Agency concerns with Mr. Smith, Permit Manager for the subject company, which resulted in a plan of action. Mr. Smith will be submitting to this Agency a response to two review letters to previously submitted applications which, if complete, will allow this Agency to issue a permit.

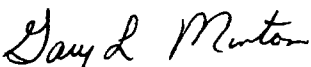
The new area to the south of the site has not yet been permitted by this Agency, nor has the establishment of outfall 006, which were the main areas of discussion during the meeting. During the investigation, it was observed that the subject company has already begun mining activities off permit boundaries to the south. This area is not permitted under NPDES and is a violation of the site's NPDES Permit IL0000302. The subject company will be notified of this violation.

8A2: Some of the site's surface runoff water and pit pumpage from the new area has already been diverted into the southernmost sedimentation pond. The remainder of the surface runoff water will collect behind a dam in Youngs Creek and will also flow into the southernmost sedimentation pond through a large culvert under the haul road.

8F: The southernmost sedimentation pond, with designated outfall 006, was discharging during this visit. The pond effluent was flowing at approximately 50 gallons per minute and the water appeared clear.

Outfall 005 no longer exists physically, however it has not been dropped from the NPDES records. When Mr. Smith submits the responses to the review letters this Agency sent to the subject company, the revised NPDES permit, when issued, will eliminate 005.

8J: This site is permitted under NPDES Permit IL0000302. Note: All DMRs have been submitted in accordance with permit conditions.


Gary L. Minton
Environmental Protection Specialist

GLM:br/0244M/1-28-87

cc: MPCP/FOS/Marion
IDMM